

AMENDMENTS TO THE CLAIMS

1.-8. (Canceled)

9. **(Currently amended)** An isolated polypeptide selected from (a) antigenic protein NcSAG4 of *N. caninum*, comprising SEQ ID NO: 10; ~~(b) chemically or enzymatically modified sequences of SEQ ID NO: 10 conserving their antigenic characteristics;~~ (c) ~~NcSAG4 polypeptides of SEQ ID NO: 10 conserving their antigenic characteristics;~~ and or (d) a recombinant protein comprising SEQ ID NO: 10 ~~including protein or polypeptide of (a), (b) or (c).~~

10.-14. (Canceled)

15. **(Previously presented)** An immunogenic composition comprising an isolated polypeptide of claim 9.

16. **(Previously presented)** The immunogenic composition according to claim 15, further comprising an adjuvant or a cytokine.

17. **(Previously presented)** A method of preparation of an immunogenic composition of Claim 15 or 16 comprising combining an isolated polypeptide of claim 9 with an adjuvant or a cytokine.

18. **(Previously presented)** A kit for eliciting an immune response in mammals against neosporosis encompassing a container including an immunogenic composition of claim 15.

19.-21. (Canceled)

22. **(Previously presented)** An isolated polypeptide ~~The polypeptide of Claim 21,~~ comprising amino acids 29-148 of SEQ ID NO: 10.